

Premanufactured Plan Review Top 10 Common Errors

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1 Incomplete Application

- ❖ No Compliance Assurance (CA) Number
- ❖ No Original Signature
- ❖ No Federal Employer Identification Number (FEIN)

2 Lack of Coordination

- ❖ Referencing the Wrong Code
- ❖ Showing Details that do not Apply
- ❖ Architectural and Engineering Conflicts

3 Lack of Accessibility

- ❖ Details For Accessories
- ❖ Counter and Work Surface Heights

4 Lack of Structural Information

- ❖ Seismic Design
- ❖ Importance Factor
- ❖ Wind and Snow Exposure Factors

5 Inadequate Electric Service

- ❖ Conductor Sizes
- ❖ Conduit Sizes
- ❖ Improper Location
- ❖ No Load Calculations

6 Improper Grounding

- ❖ Conductor/Electrode Not Shown
- ❖ Improper Location

7 Basic Electrical Design

- ❖ Emergency Circuits
- ❖ GFCI Protection
- ❖ Improper Over current Protection

8 Inadequate Plumbing Fixtures

- ❖ Separate Facilities for each sex
- ❖ Fixture Count Based on Occupant Load
- ❖ Correct Water Closet Type
- ❖ Mop sink not provided
- ❖ ASSE 1016 Valve not Provided
- ❖ Water Heater Improper Pressure Relief

9 Improper Plumbing Venting

- ❖ Main Stack of 3 inches Minimum
- ❖ Every Trap and Trapped Fixture
- ❖ Every Dry Vent 6 inches Above the Rim of the Highest Trapped Fixture

10 Inadequate Ventilation

- ❖ Natural Ventilation 4% of Floor Area
- ❖ Mechanical Ventilation MMC Table 403.3
